

AMENDMENTS TO THE SPECIFICATION:

Please delete the word "DESCRIPTION" on page 1, line 1.

Please add the following centered heading on page 1 immediately before the paragraph beginning "The present invention pertains...":

TECHNICAL FIELD

Please add the following centered heading on page 1 immediately before the paragraph beginning "Among digital modulation methods..."

BACKGROUND

Please add the following centered heading on page 2 immediately before the paragraph beginning "The present invention is based..."

SUMMARY

Please add the following centered heading on page 5 immediately before the paragraph beginning "The figures show...":

DESCRIPTION OF THE DRAWINGS

Please add the following centered heading on page 5 immediately before the paragraph beginning "Figure 1 shows an oscillao...":

#### DETAILED DESCRIPTION

Please replace the Abstract and the phrase "Figure 1" on the page 14 of the application with the following new Abstract:

Control circuitry for use with an oscillator includes a control input configured to receive a modulation signal, an oscillator that includes an oscillator input configured to receive a feed current and an oscillator output configured to provide a frequency-modulated signal, and an amplitude control circuit that includes an amplitude control input that is connected to the oscillator output and an amplitude control output that is connected to the oscillator input to provide the feed current to the oscillator. The amplitude control circuit includes circuitry configured to affect the feed current in response to the modulation signal.